Cartoon Guide To Statistics

The Manga Guide to Regression AnalysisThe Cartoon Guide to AlgebraIntroducing StatisticsCartoon Guide to GeneticsAn Adventure in StatisticsHyperstatStatistics As Principled ArgumentThe Cartoon Introduction to EconomicsThe Very Hungry CaterpillarTHE CARTOON GUIDE TO STATISTICSStatistics Done WrongIntroduction to Probability, Second EditionThe Cartoon Guide to ChemistryFundamentals of Deep LearningThe Cartoon History of the UniverseThinking StatisticallyLakhmir Singh's Science for Class 8THE CARTOON GUIDE TO STATISTICSThe Cartoon Guide to BiologyWhat is a P-value Anyway?Naked Statistics: Stripping the Dread from the DataThe Cartoon Introduction to StatisticsThe Cartoon History of the Modern World Part 2The Manga Guide to StatisticsStatistics for KidsThe Cartoon Guide to CalculusThe Cartoon Guide to the ComputerMortal EnginesA God in RuinsCartoon Guide to the EnvironmentEven You Can Learn StatisticsCartoon Guide to StatisticsThe Cartoon Introduction to Climate ChangeHow to Write a Movie in 21 DaysHyper-CapitalismGravity's RainbowThe Cartoon Guide to StatisticsThe Complete Idiot's Guide to Statistics, 2nd EditionIntroduction to ProbabilityThe Cartoon Guide to Physics

The Manga Guide to Regression Analysis

If you have ever suspected that "heavy water" is the title of a bootleg Pink Floyd album, believed that surface tension is an anxiety disorder, or imagined that a noble gas is the result of a heavy meal at Buckingham Palace, then you need The Cartoon Guide to Chemistry to set you on the road to chemical literacy. You don't need to be a scientist to grasp these and many other complex ideas, because The Cartoon Guide to Chemistry explains them all: the history and basics of chemistry, atomic theory, combustion, solubility, reaction stoichiometry, the mole, entropy, and much more—all explained in simple, clear, and yes, funny illustrations. Chemistry will never be the same!

The Cartoon Guide to Algebra

The Cartoon Introduction to Statistics is the most imaginative and accessible introductory statistics course you'll ever take. Employing an irresistible cast of dragon-riding Vikings, lizard-throwing giants, and feuding aliens, the renowned illustrator Grady Klein and the award-winning statistician Alan Dabney teach you how to collect reliable data, make confident statements based on limited information, and judge the usefulness of polls and the other numbers that you're bombarded with every day. If you want to go beyond the basics, they've created the ultimate resource: "The Math Cave," where they reveal the more advanced formulas and concepts. Timely, authoritative, and hilarious, The Cartoon Introduction to Statistics is an essential guide for anyone who wants to better navigate our data-driven world.

Introducing Statistics

Climate change is no laughing matter—but maybe it should be. The topic is so critical that everyone, from students to policy-makers to voters, needs a quick and

easy guide to the basics. The Cartoon Introduction to Climate Change entertains as it educates, delivering a unique and enjoyable presentation of mind-blowing facts and critical concepts."Stand-up economist" Yoram Bauman and award-winning illustrator Grady Klein have created the funniest overview of climate science, predictions, and policy that you'll ever read. You'll giggle, but you'll also learn—about everything from Milankovitch cycles to carbon taxes.If those subjects sound daunting, consider that Bauman and Klein have already written two enormously successful cartoon guides to economics, making this notoriously dismal science accessible to countless readers. Bauman has a PhD in economics and has taught at both the high school and college level, but he now makes a living performing at comedy clubs, universities, and conferences, sharing the stage with personalities as diverse as Robin Williams and Paul Krugman.The authors know how to get a laugh—and they know their facts. This cartoon introduction is based on the latest report from the authoritative Intergovernmental Panel on Climate Change (IPCC) and integrates Bauman's expertise on economics and policy.If economics can be funny, then climate science can be a riot. Sociologists have argued that we don't address global warming because it's too big and frightening to get our heads around. The Cartoon Introduction to Climate Change takes the intimidation and gloom out of one of the most complex and hotly debated challenges of our time.

Cartoon Guide to Genetics

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional

An Adventure in Statistics

In this illuminating volume, Robert P. Abelson delves into the too-often dismissed problems of interpreting quantitative data and then presenting them in the context of a coherent story about one's research. Unlike too many books on statistics, this is a remarkably engaging read, filled with fascinating real-life (and real-research) examples rather than with recipes for analysis. It will be of true interest and lasting value to beginning graduate students and seasoned researchers alike. The focus of the book is that the purpose of statistics is to organize a useful argument from quantitative evidence, using a form of principled rhetoric. Five criteria, described by the acronym MAGIC (magnitude, articulation, generality, interestingness, and credibility) are proposed as crucial features of a persuasive, principled argument. Particular statistical methods are discussed, with minimum use of formulas and heavy data sets. The ideas throughout the book revolve around elementary probability theory, t tests, and simple issues of research design. It is therefore assumed that the reader has already had some access to elementary statistics. Many examples are included to explain the connection of statistics to substantive claims about real phenomena.

Hyperstat

Statistics Done Wrong describes how researchers often go wrong and teaches you the best practices for avoiding their mistakes.

Statistics As Principled Argument

A fun and easy way to learn about computers, now redesigned to match the other cartoon guides. Illustrated with cartoons throughout.

The Cartoon Introduction to Economics

Explains the laws and theories of physics with funny, clear, illustrations.

The Very Hungry Caterpillar

Lakhmir Singh's Science is a series of books which conforms to the NCERT syllabus. The main aim of writing this series is to help students understand difficult scientific concepts in a simple manner in easy language. The ebook version does not contain CD.

THE CARTOON GUIDE TO STATISTICS

Presents the essential concepts in thirty-four brief stories. Drawing on his experience as a medical researcher, Vickers blends explanations and humor with minimal math, to help readers understand and interpret the statistics they read every day. --from publisher description

Statistics Done Wrong

"Brilliant, funny . . . the best math teacher you never had."—San Francisco Chronicle Once considered tedious, the field of statistics is rapidly evolving into a discipline Hal Varian, chief economist at Google, has actually called "sexy." From batting averages and political polls to game shows and medical research, the real-world application of statistics continues to grow by leaps and bounds. How can we catch schools that cheat on standardized tests? How does Netflix know which movies you'll like? What is causing the rising incidence of autism? As best-selling author Charles Wheelan shows us in Naked Statistics, the right data and a few well-chosen statistical tools can help us answer these questions and more. For those who slept through Stats 101, this book is a lifesaver. Wheelan strips away the arcane and technical details and focuses on the underlying intuition that drives statistical analysis. He clarifies key concepts such as inference, correlation, and regression analysis, reveals how biased or careless parties can manipulate or misrepresent data, and shows us how brilliant and creative researchers are exploiting the valuable data from natural experiments to tackle thorny questions. And in Wheelan's trademark style, there's not a dull page in sight. You'll encounter clever Schlitz Beer marketers leveraging basic probability, an International Sausage Festival illuminating the tenets of the central limit theorem, and a head-scratching choice from the famous game show Let's Make a Deal—and you'll come away with insights each time. With the wit, accessibility, and sheer fun that turned Naked Economics into a bestseller, Wheelan defies the odds yet again by bringing

another essential, formerly unglamorous discipline to life.

Introduction to Probability, Second Edition

A big board book edition of Eric Carle's classic, The Very Hungry Caterpillar. The Very Hungry Caterpillar has been enchanting generations of toddlers for over forty years. Now you can share this enduring story in a brand new big board book format, perfect for the home, library or nursery classroom. Eric Carle is an internationally bestselling and award-winning author and illustrator of books for very young children. Eric lives in Massachusetts with his wife, Barbara. The Carles opened The Eric Carle Museum of Picture Book Art in Massachusetts in 2002. Don't miss all the other Very Hungry Caterpillar and Eric Carle books- The Very Hungry Caterpillar; Eric Carle's Very Special Baby Book; Polar Bear, Polar Bear, What do You Hear?; The Very busy Spider; The Very Quiet Cricket; The Artist Who Painted a Blue Horse; 1, 2, 3 to the Zoo; Baby Bear, Baby Bear, What do you See?; The Very Hungry Caterpillar Pop-Up Book; Polar Bear, Polar Bear, What Do You Hear?; The Very Hungry Caterpillar's Buggy Book; Brown Bear, Brown Bear, What Do You See?; The Bad-Tempered Ladbybird; The Very Hungry Caterpillar- Little Learning Library; The Very Hungry Caterpillar- Touch and Feel Playbook; My Very First Book of Words; The Very Hungry Caterpillar Book and Toy; Little Cloud; Today is Monday; My Very First Book of Shapes; The Very Hungry Caterpillar's Sound Book; The Very Hungry Caterpillar; From Head to Toe; The Very Hungry Caterpillar Big Board Book; Draw Me a Star; Mister Seahorse; Do You want to be My Friend?; The Tiny Seed %%%A big board book edition of Eric Carle's classic, The Very Hungry Caterpillar. The Very Hungry Caterpillar has been enchanting generations of toddlers for over forty years. Now you can share this enduring story in a brand new big board book format, perfect for the home, library or nursery classroom. Eric Carle is an internationally bestselling and award-winning author and illustrator of books for very young children. Eric lives in Massachusetts with his wife, Barbara. The Carles opened The Eric Carle Museum of Picture Book Art in Massachusetts in 2002. Don't miss all the other Very Hungry Caterpillar and Eric Carle books- The Very Hungry Caterpillar; Eric Carle's Very Special Baby Book; Polar Bear, Polar Bear, What do You Hear?; The Very busy Spider; The Very Quiet Cricket; The Artist Who Painted a Blue Horse; 1, 2, 3 to the Zoo; Baby Bear, Baby Bear, What do you See?; The Very Hungry Caterpillar Pop-Up Book; Polar Bear, Polar Bear, What Do You Hear?; The Very Hungry Caterpillar's Buggy Book; Brown Bear, Brown Bear, What Do You See?; The Bad-Tempered Ladbybird; The Very Hungry Caterpillar- Little Learning Library; The Very Hungry Caterpillar- Touch and Feel Playbook; My Very First Book of Words; The Very Hungry Caterpillar Book and Toy; Little Cloud; Today is Monday; My Very First Book of Shapes; The Very Hungry Caterpillar's Sound Book; The Very Hungry Caterpillar; From Head to Toe; The Very Hungry Caterpillar Big Board Book; Draw Me a Star; Mister Seahorse; Do You want to be My Friend?; The Tiny Seed

The Cartoon Guide to Chemistry

Fundamentals of Deep Learning

Do you think that the Ozone Hole is a grunge rock club? Or that the Food Web is an

on-line restaurant guide? Or that the Green Revolution happened in Greenland? Then you need The Cartoon Guide to the Environment to put you on the road to environmental literacy. The Cartoon Guide to the Environment covers the main topics of environmental science: chemical cycles, life communities, food webs, agriculture, human population growth, sources of energy and raw materials, waste disposal and recycling, cities, pollution, deforestation, ozone depletion, and global warming—and puts them in the context of ecology, with discussions of population dynamics, thermodynamics, and the behavior of complex systems.

The Cartoon History of the Universe

From the medicine we take, the treatments we receive, the aptitude and psychometric tests given by employers, the cars we drive, the clothes we wear to even the beer we drink, statistics have given shape to the world we inhabit. For the media, statistics are routinely 'damning', 'horrifying', or, occasionally, 'encouraging'. Yet, for all their ubiquity, most of us really don't know what to make of statistics. Exploring the history, mathematics, philosophy and practical use of statistics, Eileen Magnello - accompanied by Bill Mayblin's intelligent graphic illustration - traces the rise of statistics from the ancient Babylonians, Egyptians and Chinese, to the censuses of Romans and the Greeks, and the modern emergence of the term itself in Europe. She explores the 'vital statistics' of, in particular, William Farr, and the mathematical statistics of Karl Pearson and R.A. Fisher.She even tells how knowledge of statistics can prolong one's life, as it did for evolutionary biologist Stephen Jay Gould, given eight months to live after a cancer diagnoses in 1982 - and he lived until 2002. This title offers an enjoyable, surprise-filled tour through a subject that is both fascinating and crucial to understanding our world.

Thinking Statistically

MORTAL ENGINES launched Philip Reeve's brilliantly-imagined creation, the world of the Traction Era, where mobile cities fight for survival in a post-apocalyptic future.The first instalment introduces young apprentice Tom Natsworthy and the murderous Hester Shaw, flung from the fast-moving city of London into heart-stopping adventures in the wastelands of the Great Hunting Ground. "No 11-to-16-year-old should miss the superbly imagined debut novel from Philip Reeve" - The Times "This big, brave, brilliant book combines a thrilling adventure story with endless moral conundrums" - Guardian

Lakhmir Singh’s Science for Class 8

This text covers the analysis and interpretation of data emphasizing statistical methods used most frequently in psychological, educational, and medical research. The focus is on the application of statistical methods including computer methods of data analysis rather than on the mathematical bases of the methods.

THE CARTOON GUIDE TO STATISTICS

The Manga Guide to Statistics capitalizes on the international manga phenomenon.

This first in a series of EduManga titles from No Starch Press (co-published with Ohmsha, Ltd. of Japan), The Manga Guide to Statistics uses manga to introduce the reader to the world of statistics. Rather than learning from a dry textbook, readers follow the animated adventures of Rui and her teacher, Mamoru Yamamoto, as Rui interacts with a colorful cast of characters. The book consists of seven chapters, each containing a cartoon, text to supplement the cartoon, an exercise and answer section, and a summary. Readers learn about working with numerical and categorical data; probability; relationships between two variables; tests of independence; even how to perform calculations in Microsoft Excel. Other titles in the series will cover topics like databases, electricity, and physics.

The Cartoon Guide to Biology

Like a lot of people, Miu has had trouble learning regression analysis. But with new motivation—in the form of a handsome but shy customer—and the help of her brilliant café coworker Risa, she’s determined to master it. Follow along with Miu and Risa in The Manga Guide to Regression Analysis as they calculate the effect of temperature on iced tea orders, predict bakery revenues, and work out the probability of cake sales with simple, multiple, and logistic regression analysis. You’ll get a refresher in basic concepts like matrix equations, inverse functions, logarithms, and differentiation before diving into the hard stuff. Learn how to: –Calculate the regression equation –Check the accuracy of your equation with the correlation coefficient –Perform hypothesis tests and analysis of variance, and calculate confidence intervals –Make predictions using odds ratios and prediction intervals –Verify the validity of your analysis with diagnostic checks –Perform chi-squared tests and F-tests to check the goodness of fit Whether you’re learning regression analysis for the first time or have just never managed to get your head around it, The Manga Guide to Regression Analysis makes mastering this tricky technique straightforward and fun.

What is a P-value Anyway?

Have you ever asked yourself: Are spliced genes the same as mended Levis? Watson and Crick? Aren't they a team of British detectives? Plant sex? Can they do that? Is Genetic Mutation the name of one of those heavy metal bands? Asparagine? Which of the four food groups is that in? Then you need The Cartoon Guide to Genetics to explain the important concepts of classical and modern genetics—it's not only educational, it's funny too!

Naked Statistics: Stripping the Dread from the Data

Thinking Statistically is the "sharp little book" that shows you how to think like a statistician, without worrying about formal statistical techniques. Along the way we learn how selection bias can explain why your boss doesn't know he sucks (even when everyone else does); how to use Bayes' Theorem to decide if your partner is cheating on you; and why Mark Zuckerberg should never be used as an example for anything. See the world in a whole new light, and make better decisions and judgements without ever going near a t-test. Think. Think Statistically.

The Cartoon Introduction to Statistics

With the reinvigoration of neural networks in the 2000s, deep learning has become an extremely active area of research, one that's paving the way for modern machine learning. In this practical book, author Nikhil Buduma provides examples and clear explanations to guide you through major concepts of this complicated field. Companies such as Google, Microsoft, and Facebook are actively growing in-house deep-learning teams. For the rest of us, however, deep learning is still a pretty complex and difficult subject to grasp. If you're familiar with Python, and have a background in calculus, along with a basic understanding of machine learning, this book will get you started. Examine the foundations of machine learning and neural networks Learn how to train feed-forward neural networks Use TensorFlow to implement your first neural network Manage problems that arise as you begin to make networks deeper Build neural networks that analyze complex images Perform effective dimensionality reduction using autoencoders Dive deep into sequence analysis to examine language Learn the fundamentals of reinforcement learning

The Cartoon History of the Modern World Part 2

Even You Can Learn Statistics: A Guide for Everyone Who Has Ever Been Afraid of Statisticsi s a practical, up-to-date introduction to statistics—for everyone! Thought you couldn't learn statistics? You can—and you will! One easy step at a time, this fully updated book teaches you all the statistical techniques you'll need for finance, quality, marketing, the social sciences, or anything else! Simple jargon-free explanations help you understand every technique. Practical examples and worked-out problems give you hands-on practice. Special sections present detailed instructions for developing statistical answers, using spreadsheet programs or any TI-83/TI-84 compatible calculator. This edition delivers new examples, more detailed problems and sample solutions, plus an all-new chapter on powerful multiple regression techniques. Hate math? No sweat. You'll be amazed at how little you need. Like math? Optional "Equation Blackboard" sections reveal the mathematical foundations of statistics right before your eyes! You'll learn how to: • Construct and interpret statistical charts and tables with Excel or OpenOffice.org Calc 3 • Work with mean, median, mode, standard deviation, Z scores, skewness, and other descriptive statistics • Use probability and probability distributions • Work with sampling distributions and confidence intervals • Test hypotheses with Z, t, chi-square, ANOVA, and other techniques • Perform powerful regression analysis and modeling • Use multiple regression to develop models that contain several independent variables • Master specific statistical techniques for quality and Six Sigma programs About the Web Site Download practice files, templates, data sets, and sample spreadsheet models—including ready-to-use solutions for your own work! www.ftpress.com/youcanlearnstatistics2e

The Manga Guide to Statistics

A complete—and completely enjoyable—new illustrated guide to calculus Master cartoonist Larry Gonick has already given readers the history of the world in cartoon form. Now, Gonick, a Harvard-trained mathematician, offers a

comprehensive and up-to-date illustrated course in first-year calculus that demystifies the world of functions, limits, derivatives, and integrals. Using clear and helpful graphics—and delightful humor to lighten what is frequently a tough subject—he teaches all of the essentials, with numerous examples and problem sets. For the curious and confused alike, The Cartoon Guide to Calculus is the perfect combination of entertainment and education—a valuable supplement for any student, teacher, parent, or professional.

Statistics for Kids

From celebrated artist Lary Gonick, here is the extraordinary story of the modern world, from the French Revolution to today. More than thirty years ago, master cartoonist and historian Larry Gonick began the epic task of creating a smart, accurate, and entertaining illustrated history of the world. In this, the fifth and final book of this beloved and critically acclaimed series, Gonick finally brings us up to the modern day. The Cartoon History of the Modern World, Part II picks up at the Enlightenment; continues through two and a half centuries of revolution, social and economic innovation, nationalism, colonialism, scientific progress, and the abolition of slavery; and concludes in the early twenty-first century with the wars in Iraq and Afghanistan. Essentially a college-level course in modern world history, with equal attention given to every area of the globe, Gonick's witty and engaging pages bring the past to life and put a brilliant new spin on our world. Whether you are a longtime fan or a first-time reader, this thrilling conclusion of our civilization's monumental story is not to be missed!

The Cartoon Guide to Calculus

If you have ever looked for P-values by shopping at P mart, tried to watch the Bernoulli Trails on "People's Court," or think that the standard deviation is a criminal offense in six states, then you need The Cartoon Guide to Statistics to put you on the road to statistical literacy. The Cartoon Guide to Statistics covers all the central ideas of modern statistics: the summary and display of data, probability in gambling and medicine, random variables, Bernoulli Trails, the Central Limit Theorem, hypothesis testing, confidence interval estimation, and much more—all explained in simple, clear, and yes, funny illustrations. Never again will you order the Poisson Distribution in a French restaurant!

The Cartoon Guide to the Computer

A comprehensive and comical new illustrated guide to algebra Do you think that a Cartesian plane is a luxury jetliner? Does the phrase "algebraic expression" leave you with a puzzled look? Do you believe that the Order of Operations is an Emmy-winning medical drama? Then you need The Cartoon Guide to Algebra to put you on the road to algebraic literacy. The Cartoon Guide to Algebra covers all of algebra's essentials--including rational and real numbers, the number line, variables, expressions, laws of combination, linear and quadratic equations, rates, proportion, and graphing--with clear, funny, and easy-to-understand illustrations, making algebra's many practical applications come alive. This latest math guide from New York Times bestselling author Larry Gonick is an essential supplement

for students of all levels, in high school, college, and beyond. School's most dreaded subject has never been more fun.

Mortal Engines

This stunning companion to Kate Atkinson's #1 bestseller Life After Life, "one of the best novels I've read this century" (Gillian Flynn), follows Ursula's brother Teddy as he navigates an unknown future after a perilous war. "He had been reconciled to death during the war and then suddenly the war was over and there was a next day and a next day. Part of him never adjusted to having a future." Kate Atkinson's dazzling Life After Life explored the possibility of infinite chances and the power of choices, following Ursula Todd as she lived through the turbulent events of the last century over and over again. A God in Ruins tells the dramatic story of the 20th Century through Ursula's beloved younger brother Teddy -- would-be poet, heroic pilot, husband, father, and grandfather -- as he navigates the perils and progress of a rapidly changing world. After all that Teddy endures in battle, his greatest challenge is living in a future he never expected to have. An ingenious and moving exploration of one ordinary man's path through extraordinary times, A God in Ruins proves once again that Kate Atkinson is one of the finest novelists of our age.

A God in Ruins

Developed from celebrated Harvard statistics lectures, Introduction to Probability provides essential language and tools for understanding statistics, randomness, and uncertainty. The book explores a wide variety of applications and examples, ranging from coincidences and paradoxes to Google PageRank and Markov chain Monte Carlo (MCMC). Additional application areas explored include genetics, medicine, computer science, and information theory. The authors present the material in an accessible style and motivate concepts using real-world examples. Throughout, they use stories to uncover connections between the fundamental distributions in statistics and conditioning to reduce complicated problems to manageable pieces. The book includes many intuitive explanations, diagrams, and practice problems. Each chapter ends with a section showing how to perform relevant simulations and calculations in R, a free statistical software environment. The second edition adds many new examples, exercises, and explanations, to deepen understanding of the ideas, clarify subtle concepts, and respond to feedback from many students and readers. New supplementary online resources have been developed, including animations and interactive visualizations, and the book has been updated to dovetail with these resources. Supplementary material is available on Joseph Blitzstein’s website www. stat110.net. The supplements include: Solutions to selected exercises Additional practice problems Handouts including review material and sample exams Animations and interactive visualizations created in connection with the edX online version of Stat 110. Links to lecture videos available on ITunes U and YouTube There is also a complete instructor's solutions manual available to instructors who require the book for a course.

Cartoon Guide to the Environment

In this classic bestselling screenwriting guide—now revised and updated—author and film consultant Viki King helps screenwriters go from blank page to completed manuscript through a series of clever and simple questions, ingenious writing exercises, and easy, effective new skills. Viki King's Inner Movie Method is a specific step-by-step process designed to get the story in your heart onto the page. This method doesn't just show how to craft a classic three-act story but also delves into how to clarify the idea you don't quite have yet, how to tell if your idea is really a movie, and how to stop getting ready and start. Once you know what to write, the Inner Movie Method will show you how to write it. This ultimate scriptwriting survival guide also addresses common issues such as: how to pay the rent while paying your dues, what to say to your spouse when you can't come to bed, and how to keep going when you think you can't. How to Write a Movie in 21 Days, first published in 1987, has been translated in many languages around the world and has become an industry-standard guide for filmmakers both in Hollywood and internationally. For accomplished screenwriters honing their craft, as well as those who have never before brought their ideas to paper, How to Write a Movie in 21 Days is an indispensable guide. And Viki King's upbeat, friendly style is like having a first-rate writing partner every step of the way.

Even You Can Learn Statistics

A cartoon journey through the history of the universe from the big bang through the rise and fall of civilizations

Cartoon Guide to Statistics

The Cartoon Introduction to Climate Change

If you have ever looked for P-values by shopping at P mart, tried to watch the Bernoulli Trails on "People's Court," or think that the standard deviation is a criminal offense in six states, then you need The Cartoon Guide to Statistics to put you on the road to statistical literacy. The Cartoon Guide to Statistics covers all the central ideas of modern statistics: the summary and display of data, probability in gambling and medicine, random variables, Bernoulli Trails, the Central Limit Theorem, hypothesis testing, confidence interval estimation, and much more--all explained in simple, clear, and yes, funny illustrations. Never again will you order the Poisson Distribution in a French restaurant!

How to Write a Movie in 21 Days

An acerbic graphic takedown of capitalism. In Hyper-Capitalism, cartoonist Larry Gonick and psychologist Tim Kasser offer a vivid and an accessible new way to understand how global, privatising, market-worshipping hyper-capitalism is threatening human wellbeing, social justice, and the planet. Drawing from contemporary research, they describe and illustrate concepts (such as corporate power, free trade, privatisation, and deregulation) that are critical for understanding the world we live in, and movements (such as voluntary simplicity, sharing, alternatives to GDP, and protests) that have developed in response to the

system. Gonick and Kasser's pointed and profound cartoon narratives provide a deep exploration of the global economy and the movements seeking to change it, all rendered in clear, graphic — and sometimes hilarious — terms. In the process, they point the way to a healthier future for all of us.

Hyper-Capitalism

Not a numbers person? No problem! This new edition is aimed at high school and college students who need to take statistics to fulfill a degree requirement and follows a standard statistics curriculum. Readerswill find information on frequency distributions; mean, median, and mode; range, variance, and standard deviation;probability; and more. -Emphasizes Microsoft Excel for number-crunching and computations Download a sample chapter.

Gravity's Rainbow

Shortlisted for the British Psychological Society Book Award 2017 Shortlisted for the British Book Design and Production Awards 2016 Shortlisted for the Association of Learned & Professional Society Publishers Award for Innovation in Publishing 2016 An Adventure in Statistics: The Reality Enigma by best-selling author and award-winning teacher Andy Field offers a better way to learn statistics. It combines rock-solid statistics coverage with compelling visual story-telling to address the conceptual difficulties that students learning statistics for the first time often encounter in introductory courses - guiding students away from rote memorization and toward critical thinking and problem solving. Field masterfully weaves in a unique, action-packed story starring Zach, a character who thinks like a student, processing information, and the challenges of understanding it, in the same way a statistics novice would. Illustrated with stunning graphic novel-style art and featuring Socratic dialogue, the story captivates readers as it introduces them to concepts, eliminating potential statistics anxiety. The book assumes no previous statistics knowledge nor does it require the use of data analysis software. It covers the material you would expect for an introductory level statistics course that Field's other books (Discovering Statistics Using IBM SPSS Statistics and Discovering Statistics Using R) only touch on, but with a contemporary twist, laying down strong foundations for understanding classical and Bayesian approaches to data analysis. In doing so, it provides an unrivalled launch pad to further study, research, and inquisitiveness about the real world, equipping students with the skills to succeed in their chosen degree and which they can go on to apply in the workplace. The Story and Main Characters The Reality Revolution In the City of Elpis, in the year 2100, there has been a reality revolution. Prior to the revolution, Elpis citizens were unable to see their flaws and limitations, believing themselves talented and special. This led to a self-absorbed society in which hard work and the collective good were undervalued and eroded. To combat this, Professor Milton Grey invented the reality prism, a hat that allowed its wearers to see themselves as they really were - flaws and all. Faced with the truth, Elpis citizens revolted and destroyed and banned all reality prisms. The Mysterious Disappearance Zach and Alice are born soon after all the prisms have been destroyed. Zach, a musician who doesn't understand science, and Alice, a geneticist who is also a whiz at statistics, are in love. One night, after making a world-changing discovery, Alice suddenly disappears, leaving behind a song playing on a loop and a file with her research on

it. Statistics to the Rescue! Sensing that she might be in danger, Zach follows the clues to find her, as he realizes that the key to discovering why Alice has vanished is in her research. Alas! He must learn statistics and apply what he learns in order to overcome a number of deadly challenges and find the love of his life. As Zach and his pocket watch, The Head, embark on their quest to find Alice, they meet Professor Milton Grey and Celia, battle zombies, cross a probability bridge, and encounter Jig:Saw, a mysterious corporation that might have something to do with Alice's disappearance... Author News "Eight years ago I had the idea to write a fictional story through which the student learns statistics via a shared adventure with the main character" Read the complete article from Andy Field on writing his new book Times Higher Education article: "Andy Field takes statistics adventure to a new level" Stay Connected Connect with us on Facebook and share your experiences with Andy's texts, check out news, access free stuff, see photos, watch videos, learn about competitions, and much more. Video Links Go behind the scenes and learn more about the man behind the book: Watch Andy talk about why he created a statistics book using the framework of a novel and illustrations by one of the illustrators for the show, Doctor Who. See more videos on Andy's YouTube channel Available with Perusall—an eBook that makes it easier to prepare for class Perusall is an award-winning eBook platform featuring social annotation tools that allow students and instructors to collaboratively mark up and discuss their SAGE textbook. Backed by research and supported by technological innovations developed at Harvard University, this process of learning through collaborative annotation keeps your students engaged and makes teaching easier and more effective. Learn more.

The Cartoon Guide to Statistics

Provides an introduction to the principles of both microeconomics and macroeconmics that features graphic representations of key concepts.

The Complete Idiot's Guide to Statistics, 2nd Edition

From New York Times bestselling author Larry Gonick and Davidson College biology professor David Wessner comes this comprehensive and humorous cartoon guide to topics in biology. Did you faint when your middle school science teacher asked you to dissect a frog? Do you think DNA stands for "Don't Know the Answer"? Do you still cling to the belief that osmosis was the name of Ozzy Osbourne's last tour? If you said yes to any of these questions—or even if you didn't—then you need The Cartoon Guide to Biology. The latest from New York Times bestselling author Larry Gonick—writing with Davidson College biology professor David Wessner—is a hilarious and informative handbook to the science of life. From the inner workings of the cell, to the magic of gene expression, to the Krebs and Calvin cycles, to sexual and asexual reproduction, The Cartoon Guide to Biology uses simple, clear, humorous illustrations to make biology's most complex concepts understandable and entertaining. Whether you're peering into the microscope for the first time or brushing up after decades of de-evolution, this book has you covered.

Introduction to Probability

Winner of the 1974 National Book Award “A screaming comes across the sky. . .” A few months after the Germans’ secret V-2 rocket bombs begin falling on London, British Intelligence discovers that a map of the city pinpointing the sexual conquests of one Lieutenant Tyrone Slothrop, U.S. Army, corresponds identically to a map showing the V-2 impact sites. The implications of this discovery will launch Slothrop on an amazing journey across war-torn Europe, fleeing an international cabal of military-industrial superpowers, in search of the mysterious Rocket 00000, through a wildly comic extravaganza that has been hailed in The New Republic as “the most profound and accomplished American novel since the end of World War II.”

The Cartoon Guide to Physics

Perhaps the most useful and neglected content area of mathematics is statistics, especially for students in grades 4–6. Couple that fact with the notion that mathematical modeling is an increasing emphasis in many standards, such as the Common Core State Standards for Mathematics and the NCTM standards, and the necessity for this topic is overdue. In this book, teachers will facilitate learning using model-eliciting activities (MEAs), problem-solving tasks created by mathematics educators to encourage students to investigate concepts in mathematics through the creation of mathematical models. Students will explore statistical concepts including trends, spread of data, standard deviation, variability, correlation, sampling, and more-all of which are designed around topics of interest to students.

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